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Two North Market Street, Third Floor
San Jose, California 95113
(408) 938-9060



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

ATTORNEY DOCKET NO. SYNA-20030715-01

Inventor(s): Robert J. BOLENDER, et al.

Confirmation No.:

Application No.: 10/635,748

Examiner:

Filing Date: 08/05/03

Group Art Unit:

Title: CAPACITIVE SENSING DEVICE FOR USE IN A KEYPAD ASSEMBLY

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97 (c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e)(1) or (2), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 23-0085 the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 23-0085 pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

☒ I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: 10/24/03

OR

☐ I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number _____ on _____ Number of pages: _____

Typed Name: Desiree Caldwell

Signature: Desiree Caldwell

Respectfully submitted,

Robert J. BOLENDER, et al.

By

Thomas M. Catale
Thomas M. Catale

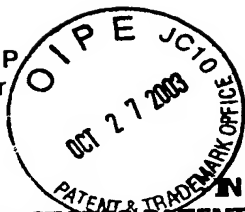
Attorney/Agent for Applicant(s)

Reg. No. **46,434**

Date: **10/24/03**

Telephone No.: **(408) 938-9060**

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Number of pages: _____

Typed Name: Desiree Caldwell

Signature: Desiree Caldwell

Respectfully submitted,

Robert J. BOLENDER, et al.

By Thomas M. Catale

Thomas M. Catale

Attorney/Agent for Applicant(s)
Reg. No. 46,434

Date: 10/24/03

Telephone No.: (408) 938-9060

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

SYNA-20030715-01

APPLICATION NO.

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APPLICANT

Robert J. BOLENDER, et al.

FILING DATE

08/05/03

GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	2003/0025679	02/06/2003	Taylor, et al.	
	1B	6,243,080	06/05/2001	Molne	
	1C	5,675,361	10/07/1997	Santilli	
	1D	5,909,210	06/01/1999	Knox, et al.	
	1E	5,341,133	08/23/1994	Savoy, et al.	
	1F	2002/0180707	12/05/2002	Sato, et al.	
	1G	2002/0021280	02/21/2002	Kato, et al.	
	1H	2002/0049070	04/25/2002	Bick	
	1I	6,002,594	12/14/1999	Ledin, et al.	
	1J	6,188,391	02/13/2001	Seely, et al.	
	1K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L	WO01/27868	04/19/2001	Synaptics, Inc.		
	1M	WO02/100074	12/12/2002	Cirque Corp.		
	1N	EP1179767	02/13/2002	ALPS Electric Co.		
	1O	EP1197835	08/20/2001	Nokia Corp.		
	1P	WO9805025	02/05/1998	Phillip Harald		

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

EXAMINER

DATE CONSIDERED

PATENT APPLICATION

Sheet 2 of 2

FORM PTO-1449

**STATEMENT OF PATENTS AND PUBLICATIONS FOR
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	1L	DE4222940	01/13/1994	Dyna Systems		
	1M	EP1197835	04/17/2002	Nokia Corp		
	1N	EP1179767	02/13/2002	ALPS Electric Co.		
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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